

### Overlapping Regional Board and State Board Planning Issues/Priorities - Summary by Rank

Issue Group	Issue Details	R1	R2	R3	R4	R5	R6	R7	R8	R9	SB	RB Accomplish Rep. Priorities
<b>Groundwater- Salt and Nutrient Management Plans</b>	(R4: Assist local communities in developing nutrient and salt management plans in all DW basins); <i>Also AR.</i> (R5-S: Developing a comprehensive Salinity and Nitrate Management Plan for all basins in the Central Valley); <i>Also AR.</i> (R9: Total Dissolved Solids (TDS) Management Plan and] Water Quality Objective for Chloride) (SB: Implementation of Recycled Water Policy, including requirement for salt/nutrient management plans)	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	R4, 5
<b>Bacteria- WQO/Monitoring &amp; Compliance Determination</b>	(R1: Adopt Freshwater Bacteria Objectives) (R2: Adopt U.S. EPA BEACH Act Marine Recreational Contact Criteria as Objectives; Adopt U.S. EPA Freshwater Contact Recreation Criteria as Objectives) (R3: Bacteria Objectives Revision for <i>E. coli</i> in Freshwaters) (R4: Re-evaluate how bacteria water quality objectives should be applied in compliance determination, based on more recent monitoring results.) (R5-S: Water Quality Objectives for Bacteria Indicators in Waters Designated for Contact Recreation) (R6: Revise Bacteria Objectives) (R7: Basin Plan Amendment to Address the Applicability of Bacteriological Water Quality Objectives and Associated Monitoring Requirements) (R9: Water Quality Objectives for Bacteria Indicators) (SB: Bacterial Objectives for Inland Surface Waters; Rapid Diagnostic Test)	✓	✓	✓	✓	✓	✓	✓		✓	✓	
<b>Irrigated Lands (Ag)</b>	(R1: Agriculture Waiver-In Development) (R2: Implement TMDLs for pathogens, sediments, pesticides, mercury, and PCBs through waivers for grazing and vineyards.) (R3: Irrigated Agriculture Waiver); <i>AR: Improve irrigated ag runoff quality (toxicity, nutrients, sediment and require protection of riparian corridors.</i> (R4: Irrigated Agriculture Waiver); <i>AR: Reissue conditional waiver for irrigated lands.</i> (R5-S: Irrigated Agriculture Waiver); <i>AR: Strengthen ag wastes regulatory programs.</i> (R7: Develop region-wide policy to address agricultural wastewater discharges [e.g., to regulate through WDRs, conditional waiver of WDRs, or prohibition]); <i>AR: Prohibit ag discharges through Basin Plan amendments.</i> (R8: Irrigated Agriculture Waiver-In Development); <i>AR: Conditional waivers for ag dischargers [irrigated and dry-farmed operations.</i> (R9: Irrigated Agriculture Waiver)	✓	✓	✓	✓	✓		✓	✓	✓		R1,2,3,4,5,7,8

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<b>Groundwater- Strategic Workplans/ Implementation</b>	<p><i>All RB actions are from AR priorities:</i></p> <p>(R1: Develop Groundwater Quality Protection Plan for discharges to land)</p> <p>(R4: Increase groundwater protection through permitting, monitoring, inspection, cleanup, and enforcement)</p> <p>(R5: Strengthen groundwater regulation and control program consistent with Groundwater Protection Strategy)</p> <p>(R6: Protect and restore groundwater quality threatened or polluted by nitrate and TDS from municipal and dairy wastes)</p> <p>(R8: Secure replacement water for rural wells without treatment)</p> <p>(R9: Continue effective regional regulations of activities/sites that threaten local potable water supplies serving groundwater-dependent communities)</p> <p>(SB: Strategic Workplan for Groundwater)</p>	✓			✓	✓	✓		✓	✓	✓	R1,4,5,6,8,9,
<b>Nutrients- WQO/NNE/Bio-stimulatory Substances/Nutrient Policy</b>	<p>(R1: Consider Update of Nutrient Objectives)</p> <p>(R2: Numeric Nutrient Criteria)</p> <p>(R3: Bio-stimulatory substances objective revision; Staff recommends developing statewide nutrient policy)</p> <p>(R6: Consider incorporating State Board Numeric Nutrient Endpoint [NNE] methodology)</p> <p>(R8: Develop/revise nutrient objectives for region, focusing on 303(d)-listed waters)</p> <p>(R9: Water Quality Objective for Nutrients in Surface Waters)</p> <p>(SB: Nutrient Numeric Endpoints Tools)</p>	✓	✓	✓			✓		✓	✓	✓	
<b>Sediment- Guidelines/Policy/ Assessments/Prohibition/ WQO implementation/TMDL</b>	<p>(R1: Complete Regionwide Excess Sediment [Basin Plan] Amendment); <i>AR: region-wide sediment discharge control policy.</i></p> <p>(R5-S: Evaluate potential sedimentation sources and revise the outdated Erosion/Sedimentation <b>guidelines</b> in the Basin Plan as necessary)</p> <p>(R5-T: Develop sediment <b>TMDL</b> for Panoche Creek)</p> <p>(R6: Complete Lake Tahoe [sediment] <b>TMDL</b> and associated amendments to Chapter 5)</p> <p>(R7: Sediment [and Turbidity] Water Quality <b>Objective Implementation</b>)</p> <p>(R8: Develop waste discharge <b>prohibitions</b> for excessive sedimentation resulting from controllable water quality factors (targeted at excessive sedimentation in upper Newport Bay, Big Bear Lake, and Lake Elsinore Watersheds)</p> <p>(R9: Erosion and Sediment Control <b>Policy</b>)</p> <p>[Note: SB Sediment Quality Objectives (SQOs) for Encl. Bays and Estuaries adopted 2011]</p>	✓				✓	✓	✓	✓	✓		R1

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<b>Dissolved Oxygen (DO)-WQOs/SSOs</b>	(R1: Revise DO Objectives) (R2: Develop Site-Specific Objectives for Dissolved Oxygen in Tidal Wetlands, Slough Channels and Other Shoreline Habitats in San Francisco Bay) (R3: Reevaluate/revise dissolved oxygen objectives) (R5-S: Dissolved Oxygen Objectives) (R5-T: Investigate if more appropriate DO objective is necessary for Kings River Reach III; may not be achievable due to natural conditions; Reevaluate water quality objectives for DO [consider 1986 USEPA criteria]) (R8: Update dissolved oxygen objectives for WARM/COLD beneficial uses)	✓	✓	✓		✓			✓	✓		
<b>Wet Weather Flows/ Stormwater Runoff- Compliance/Treatment/ Design Storm Criteria/ Hydromod Objectives/Policy</b>	(R1: Consider Seasonal Beneficial Uses and Objectives [Caltrans requested amendment to recognize inevitable water quality changes during wet weather; specifically, a different type of compliance evaluation for stormwater, focusing on whether BUs are being impacted rather than on numeric exceedance of WQOs (exceedance could trigger subsequent evaluation of effects on BUs)]) (R2: Amend Wet Weather Flows Section [delete and update language, regarding polluted stormwater and process wastewater, that conflicts with the CWA mandate that POTWs achieve secondary treatment at a minimum]) (R3: AR: Develop Stormwater Management Plan (including hydromodification criteria and requirements) to improve runoff quality and quantity) (R4: Complete work on the Design Storm Project [address technical and policy issues to incorporate work on the Design Storm Project into a regulatory framework, by designing storm criteria; pending available funding]; continue work on the Hydromodification Policy) (R9: Water quality objective for hydromodification; AR: Through municipal stormwater regulation, increase use of low-impact development techniques and decrease effects of hydromodification) SB: Need to address stormwater discharges to ASBS (also see ASBS issue)	✓	✓	✓	✓					✓	✓	R3,9
<b>Turbidity- WQO/Implementation</b>	(R1: Evaluate <b>Objective</b> for Turbidity) (R3: Reevaluate/revise turbidity water quality <b>objectives</b> ) (R5-S: Revise Turbidity Water Quality <b>Objective</b> ) (R7: [Sediment and] Turbidity Water Quality <b>Objective Implementation</b> ) (R8: Add narrative on implementation procedures for narrative turbidity [and toxicity] <b>objectives</b> )	✓		✓		✓		✓	✓			
<b>Groundwater- Beneficial Uses (BU) (assess/designate/remove)</b>	(R2: Evaluate the Beneficial Use for Municipal and Domestic Supply for Groundwater Aquifers along the Bay Fringe [develop a region-wide policy for groundwater along Bay fringe and underlying areas; assess MUN BU designation in these areas (typically have elevated TDS); consider exception criteria of State Board Resol. No. 89-93 [?]; <i>[ORPP note: 88-93 concerns "Lower Santa Ana River Groundwater Basin Project"; SB MUN Policy is Res. No. 88-63]</i> ) (R5-T: Redesignate beneficial uses below two landfills) (R6: Remove MUN use from Eastern Indian Wells Valley and Salt Wells Valley Basins [requested by the China Lake Naval Air Weapons Center], depending on availability of data from the center) (R7: Beneficial Use Designation of Aquifers [review available data to evaluate BUs and WQOs;		✓			✓	✓	✓		✓		

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<b>Ammonia- WQOs</b> (aquatic life toxicity)	(R1: Consider ammonia objectives) (R3: Add ammonia objective to Basin Plan) (R5-S: Ammonia objectives) (R5-T: Ammonia objectives [develop numeric WQOs]) (R7: Develop water quality objectives for ammonia) Review/Develop Water Quality Objectives for Ammonia (R8: Review ammonia objective based on 1999 USEPA national criteria)	✓		✓		✓		✓	✓			
<b>Wetlands- Policy/mitigation criteria</b>	(R1: Complete Stream and Wetland System Policy) (R2: Complete Stream and Wetland Systems Protection Policy) (R8: Develop criteria for wetlands mitigation. Revise narrative to expand wetland definitions [and description of 401 process]) (R9: Constructed Wetlands Policy) (SB: Wetlands and Riparian Areas Policy)	✓	✓						✓	✓	✓	
<b>Recreation (REC) Beneficial Uses (BU)- limited REC-1 (UAA)/bacterial WQOs</b>	(R2: Designate Beneficial Uses for Hayward Marsh [determine if REC-1 is existing use for two brackish marsh basins]; Limited Contact Recreation (limited REC-1) [expected to occur at statewide level (as part of adoption of freshwater bacteria objectives), followed by designating water bodies where limited use applies; related to USEPA Freshwater Contact Recreation Criteria as Objectives issue] (R4: Reconsider the application of REC-1 and REC-2 beneficial uses in specific instances, where appropriate [where requested by stakeholders, staff may reevaluate REC for specific, engineered channels that are concrete-lined, fenced, and have no public access] (R8: Changes to beneficial uses and associated objectives [in relation to standards compliance during wet weather, consider revisions to REC-1 and REC-2 BUs and bacterial objectives for surface waters, based on USEPA criteria for <i>E. coli</i> and enterococci, and SWQSTF recommendations; <i>AR: Suspend standards during high flows</i> ] (R9: Beneficial Uses Designated in Chollas Creek [remove WILD and WARM BUs; evaluate the designated REC-1 and REC-2 BUs for channelized areas]; Beneficial Uses along the Southern Boundary of the Salt Creek Area [delete BU designations other than "industrial use"; remove REC-1 from two reservoirs; change REC-2 for one reservoir from existing to potential]; Beneficial Uses for a REC-1 Subcategory [adopt "Wildlife Impacted Recreation" subcategory for REC-1 water bodies that are impacted by wildlife (bacteria)]		✓		✓				✓	✓		R8
<b>Channel Maintenance:</b> Develop WDRs/plans covering stream maintenance operations/flood maintenance activities.	(R2: Multi-year Stream Maintenance WDRs to Sonoma County Water Agency) (R3: Multi-year stream maintenance plan for Santa Barbara County Flood Control) (R4: Waste Discharge Requirements for Routine Maintenance of Soft-Bottom Channels-Done) (R9: General Waste Discharge Requirements for Channel Maintenance )		✓	✓		✓					✓	

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<b>Groundwater- Aquifer Storage &amp; Recovery (ASR)/ Recharge Area Protection</b>	(R3: Groundwater Recharge Area Protection) (R5-S: Aquifer Storage and Recovery Projects) (R6: Modify waste discharge prohibitions to protect additional prime groundwater recharge areas of arid basins) (SB: Aquifer Storage and Recovery Policy)			✓		✓	✓				✓	
<b>Temperature-WQOs</b>	(R1: Reevaluate Temperature Objectives to Ensure Protection of Aquatic Life) (R3: Reevaluate/revise temperature objectives) (R5-S: Temperature Objectives to Protect Spring Run Salmon and Steelhead) (R8: Reevaluate Temperature Criteria to Ensure Full Protection of Aquatic Life)	✓		✓		✓			✓			
<b>Bioassessment/Biocriteria WQO-Implementation Plan</b>	(R1: Develop and Adopt Biocriteria Objectives) (R2: Develop Bioassessment Objectives - Implementation Plan) (R9: Index of Biotic Integrity, IBI) (SB: Develop Biological Objectives [e.g., for Ocean Plan, update to account for climate change])	✓	✓							✓	✓	
<b>Pesticides- WQO/control</b>	(R2: Implement pesticide TMDL through waivers for vineyards) (R5-S: Pesticide Control Efforts) (R6: Complete amendments to the water quality objective for pesticides)		✓			✓	✓					R2
<b>Groundwater-WQOs</b>	(R1: Adopt Narrative Objective for Groundwater [- Surface Water Policy], including update of groundwater objectives and implementation language) (R3: Revision of Groundwater Objectives; expand WQOs for specific basins to all basins; additional WQOs for groundwater, including <b>toxicity objective</b> ) (R6: Develop groundwater objectives for selected South Lahontan groundwater basins)	✓		✓			✓					
<b>Nitrate/N/TDS- WQOs for groundwater</b>	(R3: Add nitrate objective to Basin Plan; <i>AR: Decrease nitrate sources, predominately agricultural sources in larger basins</i> ) (R8: Amend Basin Plan to incorporate the recommended or needed actions (e.g., reclamation guidance document; collaborative agreement) to facilitate implementation of the 2004 Nitrogen -TDS Basin Plan amendments) (R9: Water Quality Objective for Nitrate in Groundwater: Evaluate appropriateness of the groundwater water quality objective for nitrate of 1.0 mg/l as N; clarify appropriateness of groundwater water quality objective for nitrate as NO3 being 45 mg/l, 10 mg/l and 5 mg/l depending on the basin to which the discharge occurs; and determine if the nitrate objective should be expressed as Nitrite, Total Nitrogen, Nitrate, or a combination of the three.)			✓					✓	✓		R3
<b>Cadmium- WQOs/SSOs</b>	(R2: Cadmium Water Quality Objectives) (R8: Consider adopting and/or removing existing site-specific objectives for the Santa Ana River) (SB: Cadmium Objective and Implementation Policy)		✓						✓		✓	

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<b>Fluoride- WQOs</b>	(R1: Revise Fluoride Water Quality Objectives) (R8: Revised fluoride Water Quality Objectives to be consistent with DHS MCLs) (R9: Water Quality Objective for Fluoride)	✓							✓	✓		
<b>Mercury- WQOs/TMDLs/ implementation policy</b>	(R1: Adopt Mercury Implementation Policy) (R5-S: Mercury Load Reduction Program [TMDL]) (R5-T: Develop mercury TMDL for San Carlos and Panoche creeks) (SB: Mercury Offset Policy; Mercury Objectives)	✓				✓					✓	
<b>Toxicity- WET/implementation</b>	(R2: Update Whole Effluent Toxicity [WET] Requirements) (R8: Add narrative on implementation procedures for narrative [turbidity and] toxicity objectives) (SB: Toxicity Control Provisions for the SIP; acute toxicity definition for Ocean Plan)		✓						✓		✓	
<b>Composting</b>	(R1: Address Composting Operations) (R8: General WDRs for Composting Operations) (SB: Composting Facilities Statewide Waiver)	✓							✓		✓	
<b>Low Threat Discharges</b>	(R1: Complete Low Threat Discharge Amendment [to provide exceptions to the Basin Plan point source seasonal and year-round prohibitions for periodic, low-volume, low-risk discharges]) (R4: General NPDES Permit for Discharges of Groundwater from Potable Water Supply Wells to Surface Waters) (R5-T: Waiver of Low Threat Discharges to Land [evaluate waiver categories, including discharges not expected to pose a threat to water quality, and regulatory options]; SB working with RBs)	✓			✓	✓						
<b>Antidegradation Policy</b>	(R7: Guidance in applying the State Antidegradation Policy for NPDES Permits) (R8: Update discussion on implementing Antideg Policy to address nonpoint sources) (SB: Anti-Degradation Policy/Implementation Triennial Review)							✓	✓		✓	
<b>Compliance</b>	(R6: Revise Chapter 3 language on compliance with objectives and "means of monthly means") (R9: Compliance Time Schedules in NPDES Permits) (SB: Compliance Schedules [Ocean Plan; staff recommends no action])						✓			✓	✓	
<b>Mixing Zones</b>	(R1: Adopt Policy for Mixing Zones [related to SIP]) (R9: Assimilative Capacity [ <b>groundwater</b> ] and Mixing Zones [surface water]; cite SIP) (SB: Mixing Zones and Dilution [Ocean Plan; staff recommends no action])	✓								✓	✓	
<b>Groundwater- Basin configuration &amp; maps</b>	(R3: Groundwater Basin Configurations Update) (R9: Department of Water Resources Ground Water Basin Map)			✓						✓		

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<b>Groundwater- Groundwater Recharge (GWR) Beneficial Use (BU)</b>	(R2: Modify Groundwater Recharge Beneficial Use [modify and expand GWR BU to include storage of drinking water in aquifers]) (R9: Beneficial Use Ground Water Recharge [GWR] in the San Luis Rey River Watershed [add GWR as a BU])		✓							✓		
<b>Total Dissolved Solids (TDS)-WQO</b>	(R2: Refine Alameda Creek Watershed TDS [and Chloride] Water Quality Objectives) (R9: TDS Management Plan [and Water Quality Objective for Chloride]; TDS Water Quality Objectives for the Santa Margarita Hydrologic Unit)		✓							✓		
<b>Chloride-WQOs</b>	(R2: Refine Alameda Creek Watershed [TDS and] Chloride Water Quality Objectives) (R9: [TDS Management Plan and] Water Quality Objective for Chloride)		✓							✓		
<b>Desalination Plants- Ocean Plan Amendment/ Desalination Policy</b>	(R9: Identify seawater desalination plants as sources of industrial wastes in the Basin Plan. Evaluate the potential harm and/or destruction of marine life by the intake structure and possible degradation of the ocean waters by the disposed brine waste) (SB: Desalination Facilities and Brine Disposal [amend Ocean Plan to include narrative objective for salinity, limits on impingement and entrainment from desalination intakes, and implementation policy; clarify that OP provision that does not authorize flow augmentation for dilution purposes applies to in-plant dilution])									✓	✓	
<b>Marine Debris (Trash)- Narrative WQO/Implementation, or Prohibition</b>	(R2: Marine Debris [establish narrative water quality objectives for marine debris protective of the bay and ocean beneficial uses and associated implementation actions, or consider revising the existing marine debris prohibition to specifically prohibit discharge of trash and debris to protect aquatic life]) (SB: Plastic Debris Regulation Numeric Water Quality Objective for Trash [amend Ocean Plan to include a water quality objective that specifically addresses plastic debris and other trash])		✓								✓	
<b>Timber Harvest- Waiver</b>	(R1: Timber Harvest Waiver) (SB: Timber Harvest Waiver)	✓									✓	
<b>Areas of Special Biological Significance (ASBS)</b>	(R9: Designation of South San Diego Bay as an Area of Special Biological Significance) (SB: Areas of Special Biological Significance: Special Protections; address stormwater discharges)									✓	✓	
<b>Instream Flows- WQ/policy/BP amendment</b>	(R1: Adopt Instream Flow Objective) (R7: Develop a Policy Statement or Basin Plan Amendment to Recognize Critical Flow Rates in the Coachella Valley Stormwater Channel (CVSC) and their Temporal Impact on Certain Beneficial Uses of the Channel)	✓						✓				
<b>Outstanding National Resource Waters (ONRW)</b>	(R1: Designate Wild and Scenic River Segments as ONRWs.) (R6: ONRW designations for segments of East Fork Carson River, West Walker River and Leavitt Creek.)	✓					✓					

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<b>Cultural/Subsistence Fishing Beneficial Use (BU)</b>	(R1: Update Beneficial Uses Chapter (Table 2.1) [designate new BUs (subsistence fishing, Native American cultural) to specific hydrologic areas and sub-areas; delineate and designate wetlands and groundwater basins; participate in <b>statewide review of BUs</b> ) (R6: Add Cultural Resources beneficial use [a new BU that would need to be defined and designated to specific waters; BP amendments would be developed in cooperation with Native American tribes])	✓					✓					
<b>Tributary Rule</b>	(R3: Tributary Rule) (R8: Revise Chapter 3 Beneficial Use Tables narrative to incorporate Tributary Rule)			✓					✓			
<b>Watershed Protection</b>	(R3: Watershed Protection [require local municipalities to base development and resource management plans on protecting watersheds]) (R9: Watershed Management Chapter [incorporate into Basin Plan by reference])			✓						✓		
<b>401 Certification</b>	(R8: Revise narrative to expand [wetland definitions and] description of 401 process) (R9: Section 401 Water Quality Certification Policy and Procedures)								✓	✓		
<b>Constituents of Emerging Concern (CEC)</b>	(SB: Constituents of Emerging Concern (CEC) Monitoring – Recycled Water Policy)										✓	

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